



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	1/512,033
				Filing Date	September 15, 2005
				First Named Inventor	Scott G. Safar et al
				Group Art Unit	1797
				Examiner Name	David A. Reifsnyder
Sheet	1	of	4	Attorney Docket No.	ABB01207P01213US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
		US- 3,219,318	11-23-1965	Hershler	
		US- 3,433,465	03-18-1969	Szpur	
		US- 3,595,531	07-27-1971	Williams et al	
		US- 3,985,549	10-12-1976	Eddelman	
		US- 3,995,835	12-07-1976	Cichy et al	
		US- 4,310,253	01-12-1982	Sada et al	
		US- 4,728,500	03-01-1988	Higo	
		US- 4,895,650	01-23-1990	Wang	
		US- 5,222,808	06-29-1993	Sugarman et al	
		US- 5,234,809	08-10-1993	Boom et al	
		US- 5,272,092	12-21-1993	Hamasaki et al	
		US- 5,352,036	10-04-1994	Haber et al	
		US- 5,458,785	10-17-1995	Howe et al	
		US- 5,536,475	07-16-1996	Moubayed et al	
		US- 5,578,201	11-26-1996	Collier et al	
		US- 5,589,394	12-31-1996	Kim et al	
		US- 5,601,234	02-11-1997	Larue	
		US- 5,631,165	05-20-1997	Chupp et al	
		US- 5,631,730	05-20-1997	Chupp et al	
		US- 5,656,499	08-12-1997	Chupp et al	
Examiner Signature				Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) and application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	1/512,033
				Filing Date	September 15, 2005
				First Named Inventor	Scott G. Safar et al
				Group Art Unit	1797
				Examiner Name	David A. Reifsnyder
Sheet	2	of	4	Attorney Docket No.	ABB01207P01213US
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		US- 5,702,950	12-30-1997	Tajima	
		US- 5,770,461	06-23-1998	Sakazume et al	
		US- 5,779,907	07-14-1998	Yu	
		US- 5,795,784	08-19-1998	Arnquist et al	
		US- Des. 397,938	09-08-1998	Graham et al	
		US- 5,812,419	09-22-1998	Chupp et al	
		US- Des. 401,697	11-24-1998	Cloonan et al	
		US- Des. 401,699	11-24-1998	Herchenbach et al	
		US- 5,856,194	01-05-1999	Arnquist et al	
		US- 5,891,734	04-06-1999	Gill et al	
		US- 6,033,574	03-07-2000	Siddiqi	
		US- 6,165,778	12-26-2000	Kedar	
		US- 6,176,609	01-23-2001	Cleveland et al	
		US- 6,228,268	05-08-2001	Siddiqi	
		US- 2002/0008053 A1	01-24-2002	Hansen et al	
		US- 6,357,907	03-19-2002	Cleveland et al	
		US- 6,382,827	05-07-2002	Gebrian	
		US- 6,413,780	07-02-2002	Bach et al	
		US- 6,467,946	10-22-2002	Gebrian	
		US- 6,500,343	12-31-2002	Siddiqi	
Examiner Signature				Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) and application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	1/512,033
				Filing Date	September 15, 2005
				First Named Inventor	Scott G. Safar et al
				Group Art Unit	1797
				Examiner Name	David A. Reifsnnyder
Sheet	3	of	4	Attorney Docket No.	ABB01207P01213US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
		US- 2003/0006193 A1	01-09-2003	Ikeda et al	
		US- 6,579,453	06-17-2003	Bächler et al	
		US- 6,616,730	09-09-2003	Bienvenu	
		US- 2003/0170686 A1	09-11-2003	Hoet et al	
		US- 2004/0013584 A1	01-22-2004	Arndt et al	
		US- 6,689,615	02-10-2004	Murto et al	
		US- 6,764,859	07-20-2004	Kreuwel et al	
		US- 2004/0157224 A1	08-12-2004	Roh et al	
		US- 2004/0235196 A1	11-25-2004	Colin	
		US- 2005/0013741 A1	01-20-2005	a'Brassard	
		US- 2005/0286342 A1	12-29-2005	Garcia et al	
		US- 2006/0024776 A1	02-02-2006	McMillian	
		US- 2007/0155024 A1	07-05-2007	Miethe et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials'	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		GB 1,113,046	08-08-1968	Hershler		
		JP 53-129373	11-11-1978			
		JP 60-58235	04-04-1985	Yoshio	Trans. Abstract Only	✓
Examiner Signature				Date Considered		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) and application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	1/512,033
				Filing Date	September 15, 2005
				First Named Inventor	Scott G. Safar et al
				Group Art Unit	1797
				Examiner Name	David A. Reifsnnyder
Sheet	4	of	4	Attorney Docket No.	ABB01207P01213US

FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		WO 93/25913	12-23-1993	Jorgensen et al		
		EP 0 905 520 A1	03-31-1999	Bächler et al		
		WO 99/61919	12-02-1999	Diamond et al		
		EP 0 970 742 A2	01-12-2000	Gutierrez et al		
		WO 00/09991	02-24-2000	Brink et al	Trans. Abstract Only	✓
		JP 2000-254472	09-19-2000	Koudou	Trans. Abstract Only	✓
		WO 01/05510 A1	01-25-2001	Kreuwel et al		
		WO 01/49419 A1	07-12-2001	Siddiqi		
		WO 02/063042 A1	08-15-2002	Jang		
		WO 03/090897 A1	11-06-2003	Safar et al		
		WO/2004/050227 A1	06-17-2004	Shimokawa et al	Trans. Abstract Only	✓
		WO 2004/057304 A1	07-08-2004	Hvidtfeldt et al		
		WO 2005/037440 A1	04-28-2005	Korpela et al		
		JP 2005-205306	08-04-2005	Kenichi et al	Trans. Abstract Only	✓
		WO 2006/010584 A1	02-02-2006	Kreuwel et al		
		EP 1 655 071 A1	05-10-2006	Meyer et al		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) and application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.